

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 5,733,176

Page 1 of 3

DATED : Mar. 31, 1998

INVENTOR(S) : Karl M. Robinson; Michael A. Walker

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Col. 2, line 27, after "complexity" insert --of--

Col. 2, line 66, after "The" change "forgoing" to --foregoing--

Col. 3, line 18, after "lubricate" change "in" to --is--

Col. 3, line 20, before "the" change "Where" to --When--

Col. 3, line 27, after "life" change "that" to --of--

Col. 4, line 34, after "shown" change "as" to --are--

Col. 4, line 37, after "polishing" change "pad" to --pads--

Col. 4, line 39, before "of" change "illustrate" to --illustration--

Col. 4, line 41, after "pad" change "12" to --10--

Col. 4, line 48, after "positively" change "introduces" to --introduced--

Col. 4, line 48, after "introduces" change "similarly" to --in a similar fashion--

Col. 5, line 22, after "substrate" change "22" to --20--

Col. 5, line 54, after "contact" insert --with--

Col. 5, line 57, after "contact" insert --with--

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It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

Col. 6, line 1, before "whether" change "determined" to --determines--

Col. 6, line 4, after "impractical" insert --to--

Col. 6, line 64, after "shortens" delete --of--

Col. 7, line 13, after "contents" change "release" to --released--

Col. 7, line 17, after "an" change "increasingly" to --increasing--

Col. 7, line 49, after "incorporating" insert --the--

Col. 7, line 52, after "pad" change "without" to --with--

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DATED : Mar. 31, 1998

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Col. 7, line 53, delete "In" and change "the" to --the--"

Col. 7, line 54, after "substances" insert --which--

Col. 7, line 56, after "is" delete --to--

Signed and Sealed this

Ninth Day of February, 1999

Attest:



Attesting Officer

Acting Commissioner of Patents and Trademarks

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,171,352 B1
DATED : January 9, 2001
INVENTOR(S) : Tsung-Ho Lee, et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page.

Item [30], "(CN)" should read -- (TW) --

Signed and Sealed this

Twenty-seventh Day of November, 2001

Attest:

Nicholas P. Godici

Attesting Officer

NICHOLAS P. GODICI
Acting Director of the United States Patent and Trademark Office

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 5,954,997
DATED : September 21, 1999
INVENTOR(S) : Vlasta Brusic Kaufman et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 11.

Line 6, the term "alumina" should read, -- an abrasive --.
Line 38, the term "peroxidized, and" should read, -- peroxide --.

Column 12.

Line 49, the terms "claim 13" should read, -- claim 23 --.

Signed and Sealed this

Thirtieth Day of September, 2003



JAMES E. ROGAN
Director of the United States Patent and Trademark Office

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 5,876,490
DATED : March 2, 1999
INVENTOR(S) : Ronay

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, [73] Assignee: should read ---International
Business Machines Corporation---.

Signed and Sealed this

Fifteenth Day of June, 1999

Attest:



Q. TODD DICKINSON

Attesting Officer

Acting Commissioner of Patents and Trademarks